



(11) Publication number : **0 470 034 A3**

(12)

EUROPEAN PATENT APPLICATION

(21) Application number : **91500083.0**

(22) Date of filing : **30.07.91**

(51) Int. Cl.⁵ : **H04B 3/54, G01R 31/00,
G08C 25/00, H05B 37/03,
H02J 13/00**

(30) Priority : **30.07.90 ES 9002043**

(43) Date of publication of application :
05.02.92 Bulletin 92/06

(84) Designated Contracting States :
AT BE CH DE DK FR GB GR IT LI LU NL SE

(88) Date of deferred publication of search report :
15.06.94 Bulletin 94/24

(71) Applicant : **INGENIERIA DE SISTEMAS DE
CONTROL S.A.**
Cid, 22-1
E-03800 Alcoy, (Alicante) (ES)

(72) Inventor : **Esparza Olcina, Rafael**
Maestro Espl, 8
Alcoy, Alicante (ES)

(74) Representative : **Ungria Lopez, Javier et al**
Avda. Ramon y Cajal, 78
E-28043 Madrid (ES)

(54) **Information transmission system of the state of loads connected to an electric line.**

(57) The purpose is to supervise and demonstrate the state of a plurality of loads (4) connected to an electric line such as for example the lamps of the public lighting lines, machines, etc.

It has a central control unit (1) that is connected to a plurality of sector control units (2), which in turn, each one of them is connected by an electric feed line (9) to a plurality of load control units (3) through which the load (4) is connected, detecting and storing the possible failures.

The information transmission is carried out when there is no feed in the lighting network.

The connection between the load control units (3) and the sector control units (2) can be done through the control line (22), avoiding additional wiring.

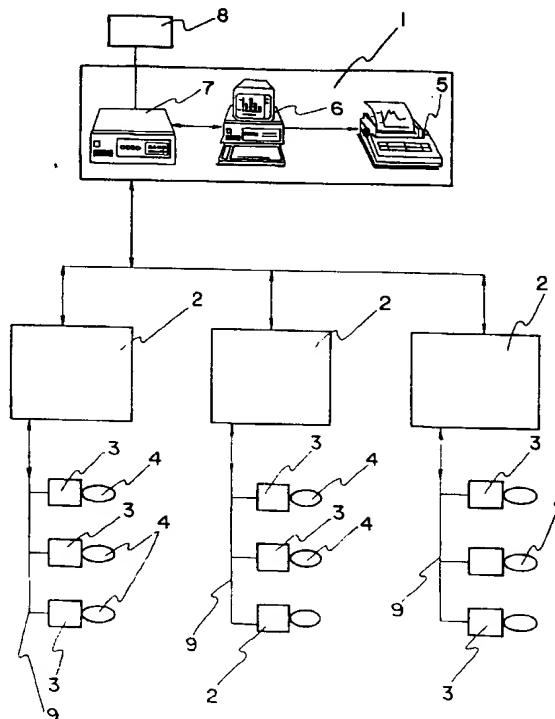


FIG-1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 91500083.0
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	<u>DE - A - 2 657 115</u> (LANZ) * Page 5, lines 1-3 * --	1	H 04 B 3/54 G 01 R 31/00 G 08 C 25/00 H 05 B 37/03
A	<u>DE - A - 3 709 013</u> (MITSUBISHI) * Abstract * -----	1	H 02 J 13/00
			TECHNICAL FIELDS SEARCHED (Int. Cl.5) G 01 R 31/00 G 08 C 25/00 H 04 B 3/00 H 05 B 37/00 H 02 J 13/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 31-03-1994	Examiner KUNZE
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 01.82 (10/901)